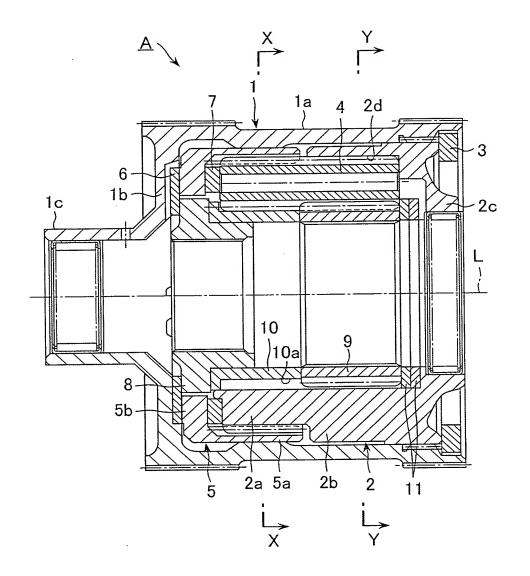
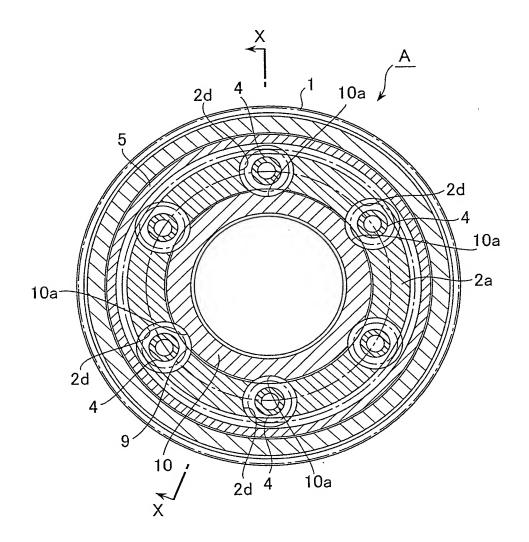
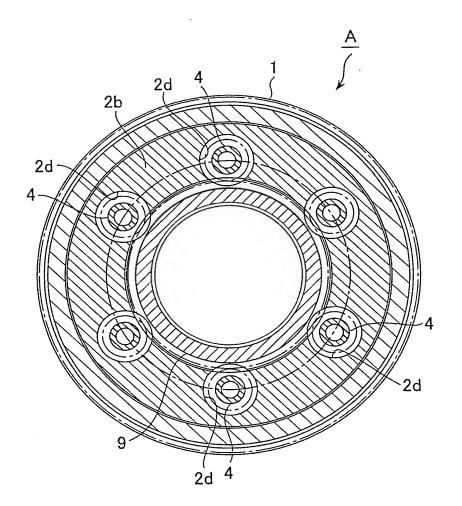
F I G. 1



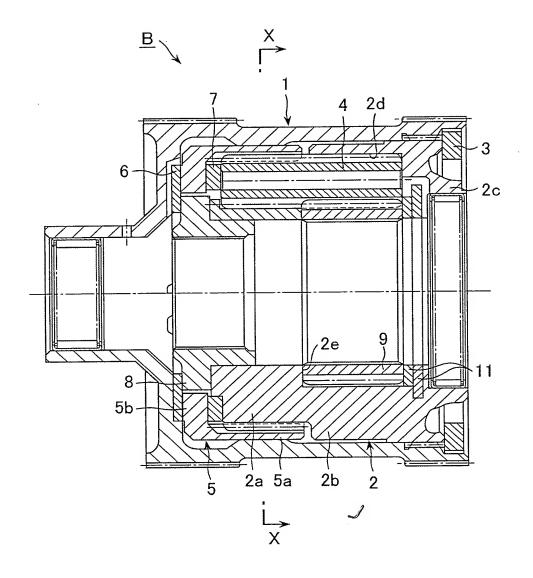
F I G. 2



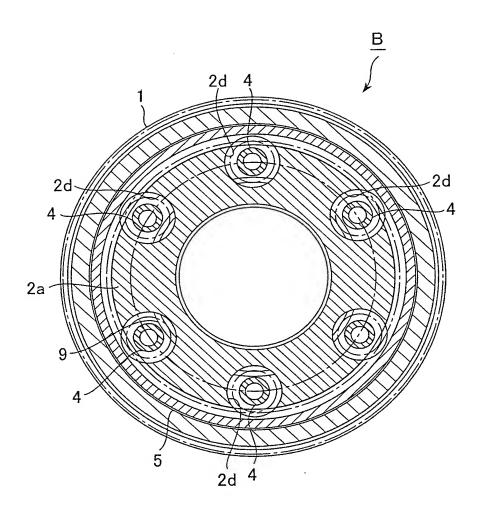
F I G. 3



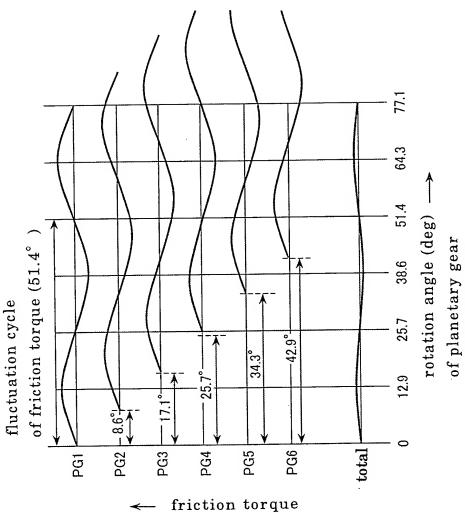
F I G. 4



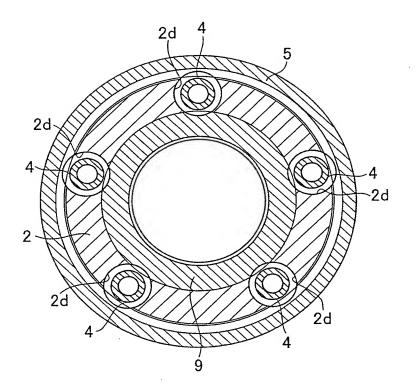
F I G. 5



IG. F 6



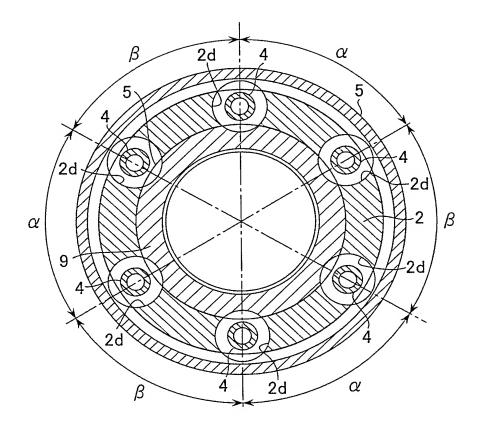
F I G. 7



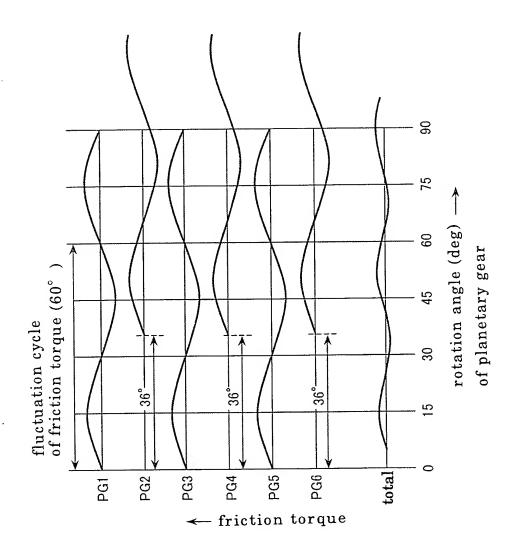
90 75 rotation angle (deg) 9 of planetary gear of friction torque (60°) fluctuation cycle * 0 PG5 total PG2 PG3 PG4 PG1 friction torque

* phase difference (72°) of PG2 with respect to PG1

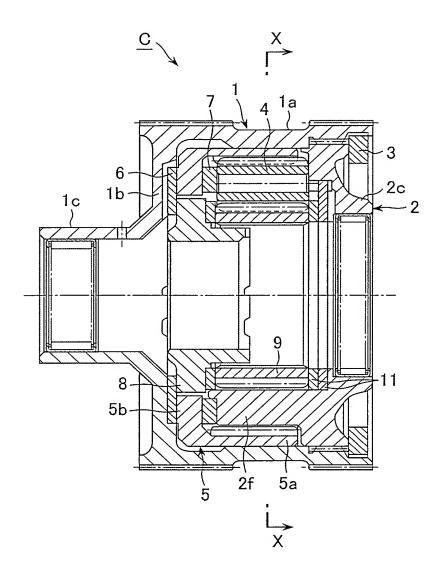
F I G. 9



F I G. 10



F I G. 11



F I G. 12

